







SOURCE: Unknown.  
ORGANISM: Unclassified.  
REFERENCE: 1 (bases 1 to 41)  
AUTHORS: Cook, P.D., Manoharan, M., and Brulov, T.  
TITLE: Covalently cross-linked oligonucleotides  
JOURNAL: Patent: US 554 5507-A, B6-AUG-1996;  
FEATUDES: Location/Qualifiers  
SOURCE: 1..31  
BASE COUNT: 5 a 9 c 10 g  
ORIGIN

Query Match: 98.5%; Score 26.6; Hb 6;  
Best Local Similarity: 74.1%; Pred. No. 0.01;  
Matches: 20: Conservative: 7; Mismatches: 0; Indels: 0; Gaps: 0;

RESULT 12  
71  
DEFINITION: Sequence 15 from patent US 554 5507.  
ACCESSION: 124471.1  
VERSION: 124471.1 GI:1604341  
KEYWORDS: Unknown.  
SOURCE: Unknown.  
ORGANISM: Unclassified.  
REFERENCE: 1 (bases 1 to 41)  
AUTHORS: Cook, P.D., Manoharan, M., and Brulov, T.  
TITLE: Covalently cross-linked oligonucleotides  
JOURNAL: Patent: US 554 5507-A, 15-09-AUG-1996;  
FEATUDES: Location/Qualifiers  
SOURCE: 1..31  
BASE COUNT: b a 8 c 9 g  
ORIGIN

Query Match: 98.5%; Score 26.6; Hb 6;  
Best Local Similarity: 74.1%; Pred. No. 0.01;  
Matches: 20: Conservative: 7; Mismatches: 0; Indels: 0; Gaps: 0;

RESULT 13  
69  
DEFINITION: Sequence 11 from patent US 5719271.  
ACCESSION: 188969  
VERSION: 188969.1 GI:408909  
KEYWORDS: Unknown.  
SOURCE: Unknown.  
ORGANISM: Unclassified.  
REFERENCE: 1 (bases 1 to 41)  
AUTHORS: Cook, P.D., Manoharan, M., and Brulov, T.  
TITLE: Covalently cross-linked oligonucleotides  
JOURNAL: Patent: US 5719271-A, 11-17-FEB-1998;  
FEATUDES: Location/Qualifiers  
SOURCE: 1..31  
BASE COUNT: 5 a 9 c 10 g  
ORIGIN

Query Match: 98.5%; Score 26.6; Hb 6;  
Best Local Similarity: 74.1%; Pred. No. 0.01;  
Matches: 20: Conservative: 7; Mismatches: 0; Indels: 0; Gaps: 0;

Matches: 20: Conservative: 7; Mismatches: 0; Indels: 0; Gaps: 0;

RESULT 14  
188974  
DEFINITION: Sequence 16 from patent US 5719271.  
ACCESSION: 188974  
VERSION: 188974.1 GI:408914  
KEYWORDS: Unknown.  
SOURCE: Unknown.  
ORGANISM: Unclassified.  
REFERENCE: 1 (bases 1 to 41)  
AUTHORS: Cook, P.D., Manoharan, M., and Brulov, T.  
TITLE: Covalently cross-linked oligonucleotides  
JOURNAL: Patent: US 5719271-A, 16-17-FEB-1998;  
FEATUDES: Location/Qualifiers  
SOURCE: 1..31  
BASE COUNT: 5 a 9 c 10 g  
ORIGIN

Query Match: 98.5%; Score 26.6; Hb 6;  
Best Local Similarity: 74.1%; Pred. No. 0.01;  
Matches: 20: Conservative: 7; Mismatches: 0; Indels: 0; Gaps: 0;

RESULT 15  
188975  
DEFINITION: Sequence 17 from patent US 5719271.  
ACCESSION: 188975  
VERSION: 188975.1 GI:408915  
KEYWORDS: Unknown.  
SOURCE: Unknown.  
ORGANISM: Unclassified.  
REFERENCE: 1 (bases 1 to 41)  
AUTHORS: Cook, P.D., Manoharan, M., and Brulov, T.  
TITLE: Covalently cross-linked oligonucleotides  
JOURNAL: Patent: US 5719271-A, 17-FEB-1998;  
FEATUDES: Location/Qualifiers  
SOURCE: 1..31  
BASE COUNT: 5 a 9 c 10 g  
ORIGIN

Query Match: 98.5%; Score 26.6; Hb 6;  
Best Local Similarity: 74.1%; Pred. No. 0.01;  
Matches: 20: Conservative: 7; Mismatches: 0; Indels: 0; Gaps: 0;

Search completed: October 29, 2002, 12:54:46  
Job time: 1941 secs





XX	TAR mimetic oligonucleotide "Z'-come de la TAR".
DE	
KX	RNA mimicry; TAR, trans-acting responsive element; HIV, HT;
KM	fetovirus; ss.
XX	
XX	Synthetic.
PN	W0911446-A.
XX	
PD	03-OCT-1991.
XX	
PF	19-MAR-1991; 91MO US01822.
XX	
PN	21-MAR-1990; 90CS-0470790.
XX	
PA	(ISIS-) ISIS PHARM INC.
XX	
PI	Ecker DJ, Bruce TW, Vickers T;
XX	
DR	WPI: 1991-310355/42.
XX	
PT	Modulating gene expression by RNA copying - using
PT	oligonucleotide(s), especially with secondary structure
XX	corresponding to HIV TAR sequence in treatment of HIV infection
PS	Claim 60; Page 47; 62pp; English.
XX	
CC	This 2'-O-methyl oligonucleotide analogue has significant activity
GC	in inhibition of HIV gene expression. It mimics the TAR sequence
XX	which is a transcription regulator of HIV. See A0014053 cc.
CU	
XX	Sequence 29 BP; 4 A; 9 C; 10 G; 6 U; 0 other;
SO	
Query Match	98.5%; Score 26.6; DB 12; Length 29;
Best Local Similarity	96.7%; Pred. No. 0.026; Indexes 0; Taps 0;
Matches 26; Conservative 1; Mismatches 0;	
OY	1 CCACATCACTGAGTGGCAGATTCCTGTGCG 27   DB 2 CCACATCGACGCCGCGGAGACATCTTGCG 28
DB	
RESULT 6	
A0037864	
AA037864 standard; RNK; 29 BP.	
XX	
AC	AA037864;
XX	
DT	04-JUL-1993 (first entry)
XX	
DE	Sequence of HIV TAR element.
XX	
XX	Oligonucleotides; target molecule; binding activity; therapy;
KM	TAR element; HIV; diagnosis; research; ss.
XX	
OS	Human Immunodeficiency Virus.
XX	
PN	WO9304204-A.
XX	
PP	04-MAR-1993.
XX	
PE	21-AUG-1992; 92MO-US07121.
XX	
PR	23-AUG-1991; 91MO-0749000.
XX	
PA	(ISIS-) ISIS PHARM INC.
XX	
PI	Anderson K, Bruce TW, Davis P, Ecker DJ, Hancock RC,
XX	Vickers T, Wyatt J;
XX	WPI: 1991-094029/11.













2', 3'-hydroxyl moieties on the 3'-terminal u  
and the aldehydic function on the opposing a  
as in example 17.

W0918052-A.

16-SEP-1993.

05-MAR-1993: 93W-0502054.

05-MAR-1992: 92US-0846376.

(ISIS-) ISIS PHARM INC.

Brice T. Cook PD, Manhattan M.

WPI: 1991-303395/18.

New covalently crosslinked oligo-nucleotide(s) - used to fix  
duplex structures or hairpin loop, stem loop, interior loop,  
bulge or other structures.

Disclosure: Page 75; 145pp; English.

Sequences (AA04905-28) consist of novel crosslinked oligo-nucleotides.  
A number of crosslinking methods are claimed, which are used to fix  
separate ON strands in duplex structures or to fix a single ON  
strand in a hairpin loop, stem loop, interior loop, bulge or other  
duplex structure. The sequences also include fixing a strand or strands in a  
duplex structure also to form a duplex structure. The sequences also include  
single stranded nucleic acid-binding proteins by forming nuclease  
resistant mimics of the proteins binding receptors. The ONs have  
diagnostic, therapeutic and prophylactic applications as well as  
being used as research agents.

Sequence 31 BP: 5 A: 9 C: 10 G: 0 T: 7 U: 0 other:

Query Match

Best Local Similarity 98.5%; Score 26.6; DB 14; Length 31;

Matches 26; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

07 1 CCAACUCUAGC38GAGACCTGCTG 27

3 CCAACUCUAGC38GAGACCTGCTG 29

Search completed: October 29, 2002, 12:20:58  
Job Time : 209 secs





Matches: 26; Conservation: 1; Mismatches: 0; Indels: 0; Gaps: 0;

07 1 C:\A:\BIO\US09\US090724500B 27  
 1 C:\A:\BIO\US09\US090724500B 27

RESULT 2  
 US 07 724 500B 11  
 Sequence 11: Application US/07724500B  
 Sequence 2: US/07724500B  
 GENERAL INFORMATION:  
 APPLICANT: Ecker et al.  
 TITLE OF INVENTION: REAGENTS AND METHODS FOR MODULATING GENE EXPRESSION THE  
 NUMBER OF SEQUENCES: 24  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Woodcock Washburn Kurtz  
 REFERENCE/KEY NUMBER: 1815-0198  
 STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 4.5 INCH, 1.44 MB STORAGE  
 OPERATING SYSTEM: PC/MS-DOS/2  
 SOFTWARE: WORDPERFECT 5.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07724, 500B  
 FILING DATE: June 27, 1991  
 CLASSIFICATION: 435

PRIOR APPLICATION DATA: NCT/0591/01022  
 FILING DATE: 19 March 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: John W. Caldwell  
 REFERENCE/KEY NUMBER: 28,947  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215) 568-3100  
 TELEFAX: (215) 568-3100  
 INFORMATION FOR SEQ ID NO: 11:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 27 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: single  
 TOPOLOGY: linear  
 MODIFICATION: 5'-phosphate  
 HYDROLYTIC: no  
 AMI SENSE: no

US 07 724-500B 11

Query Match 98.5% Score 26.6; Inv 1; Length 27;  
 Best Local Similarity 96.5%; Pval. No. 0.0075;  
 Matches: 26; Conservation: 1; Mismatches: 0; Indels: 0; Gaps: 0;

07 1 C:\A:\BIO\US09\US090724500B 27  
 1 C:\A:\BIO\US09\US090724500B 27

RESULT 4  
 US 08 461 418B 7  
 Sequence 4: Application US/08461418B  
 Sequence 7: US/08461418B  
 GENERAL INFORMATION:  
 APPLICANT: Ecker et al.  
 TITLE OF INVENTION: Reagents And Methods For Modulating Gene  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Woodcock Washburn Kurtz  
 REFERENCE/KEY NUMBER: 1815-0198  
 STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 4.5 INCH, 1.44 MB STORAGE  
 OPERATING SYSTEM: PC/MS-DOS/2  
 SOFTWARE: WORDPERFECT 5.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: 516,429  
 FILING DATE: May 4, 1990  
 APPLICATION NUMBER: PCT/US91/04578  
 FILING DATE: April 15, 1991  
 ATTORNEY/AGENT INFORMATION:

STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: U.S.A.  
 ZIP: 19103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch disk, 1.44 MB  
 OPERATING SYSTEM: PC/MS-DOS/MS-DOS  
 SOFTWARE: WORDPERFECT 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/461,418B  
 FILING DATE: 05-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/927,505  
 FILING DATE: 16 SEP-1992  
 ATTORNEY/AGENT INFORMATION:  
 REFERENCE/KEY NUMBER: 18,514  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-568-3100  
 TELEFAX: 215-568-3100  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 27 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: single  
 TOPOLOGY: linear

US 08 461 418B 7

Query Match 98.5% Score 26.6; Inv 2; Length 27;  
 Best Local Similarity 96.5%  
 Matches: 26; Conservation: 1; Mismatches: 0; Indels: 0; Gaps: 0;

07 1 C:\A:\BIO\US09\US090724500B 27  
 1 C:\A:\BIO\US09\US090724500B 27

RESULT 4  
 US 07 794 406 3/C  
 Sequence 4: Application US/07794406  
 Patent No. 604243  
 GENERAL INFORMATION:  
 APPLICANT: David Ecker et al.  
 TITLE OF INVENTION: Modulation of HIV Gene Expression  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Woodcock Washburn Kurtz  
 REFERENCE/KEY NUMBER: 1815-0198  
 STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 4.5 INCH, 1.44 MB STORAGE  
 OPERATING SYSTEM: PC/MS-DOS/2  
 SOFTWARE: WORDPERFECT 5.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/794, 406  
 FILING DATE: 1991119  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 516,429  
 FILING DATE: May 4, 1990  
 APPLICATION NUMBER: PCT/US91/04578  
 FILING DATE: April 15, 1991  
 ATTORNEY/AGENT INFORMATION:



```

US-08-196-103A-20
Query Match          98.5%: Score 26.6; DB 1; Length 27;
Best Local Similarity 96.3%: Prod. No.: 0.0075; 0; Mismatches 0; Gaps
Matches 26; Conservative 1; Mismatches 0; Gaps

1 CCGAGACGACGATCCGGGACGCGCGTCGGC 27
|||||
DB      2 CCGAGACGACGATCCGGGACGCGTCGGC 28

RESULT 6
US08-157-396-20
? Sequence 20, Application US/08357396
? Patent No. 5696391
? GENERAL INFORMATION:
? APPLICANT: Philip Dan Cook
? APPLICANT: Eckert, David J.
? APPLICANT: Anderson, Kevin A.
? APPLICANT: Brider, Thomas A.
? APPLICANT: Appleton, Robert L.
? APPLICANT: Unilever, Vickle
? APPLICANT: Hanesack, Ronnie C.
? APPLICANT: Vickers, Timothy A.
? APPLICANT: Wyatt, Jacqueline
? APPLICANT: Yegesh S. Sangavi
? TITLE OF INVENTION: Improved Methods for Synthetic Unrandomization
? NUMBER OF SEQUENCES: 21
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Woodcock Washburn Kurtz MacKiewicz and No. 5496391f1s
? STREET: One Liberty Place - 46th Floor
? CITY: Philadelphia
? STATE: PA
? COUNTRY: U.S.A.
? ZIP: 19103
? COMPUTER REAMABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC Compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patient In Release #1.0, Version #1.25
? CURRENT APPLICATION DATA: NA
? PARENT APPLICATION NUMBER: US/08/357,396
? FILING DATE:
? CLASSIFICATION: 436
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 749,000
? FILING DATE: 23-AUG-1991
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 196,103
? FILING DATE: 14-MAR-1994
? ATTORNEY/AGENT INFORMATION:
? NAME: Ralph, Rebecca L.
? REGISTRATION NUMBER: 35,152
? REFERENCE/DOCKET NUMBER: ISIS-1745
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 215-666-1449
? TELEFAX: 215-666-1449
? IMPROVED METHOD NO. 396-20:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 29 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: RNA (genomic)
? OS-08-357-396-20
Query Match          98.5%: Score 26.6; DB 1; Length 27;
Best local Similarity 96.2%: Prod. No.: 0.0075; 0; Mismatches 0; Gaps
Matches 26; Conservative 1; Mismatches 0; Gaps

1 CCGAGACGACGATCCGGGACGCGTCGGC 27
|||||
DB      2 CCGAGACGACGATCCGGGACGCGTCGGC 28

```

00 2 C:\ACAD\06AC0006\06AC00060006 28

## RESULT 2

US-07-724-5000-5

Sequence 5, Application US/077245008

Patent No. 5746294

GENERAL INFORMATION:

APPLICANT: Eick of AL

TITLE OF INVENTION: REAGENTS AND METHODS FOR MODULATING GENE EXPRESSION THE

INVENTOR: Eick of AL

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5746294

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/07/724-5008

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 19 March 1991

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5746294

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/07/724-5008

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 19 March 1991

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5746294

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/07/724-5008

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 19 March 1991

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5746294

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

ADDRESS: No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATROLIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

FILING DATE: 05/09/864-141

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/461,418

FILING DATE: 16 MAR 1993

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/09/864-141

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 19 March 1991

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/09/864-141

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 16 SEP 1992

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/09/864-141

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 16 SEP 1992

US-08-461-418-5

Sequence 5, Application US/084614188

Patent No. 5747254

GENERAL INFORMATION:

APPLICANT: Eick of AL

TITLE OF INVENTION: REAGENTS AND METHODS FOR MODULATING GENE EXPRESSION THE

INVENTOR: Eick of AL

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/09/864-141

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 19 March 1991

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/09/864-141

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 16 SEP 1992

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: MODBASE 5.0

CURRENT APPLICATION DATA:

FILING DATE: 05/09/864-141

CLASSIFICATION: 4.5

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PC/US91/01822

FILING DATE: 16 SEP 1992

ATTORNEY/AGENT INFORMATION:

ATTORNEY NAME: Woodcock Washburn Kurtz Markiewicz and

ADDRESS: Woodcock Washburn Kurtz Markiewicz & No. 5747254

STREET: One Liberty Place - 40th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE





















KEYWORDS: *Enslavement*  
SOUTHERN: *humanism*

# CRIMINALISM

[illegible][illegible]



Search completed: October 29, 2002, 11:22:18  
Job Time: 1644 seconds